

AMENDMENTS TO THE SPECIFICATION:

Page 1, line 2, insert the following heading:

--BACKGROUND OF THE INVENTION--;

Page 1, line 6, insert the following heading:

--DESCRIPTION OF THE RELATED ART--.

Please replace the paragraph beginning at page 2, line 10, with the following rewritten paragraph:

--An example of the first alternative for providing real-time service to a user is presented in Figure 1. In this example, HTTP protocol is used to transmit real-time information from server 100 to a client 110. The client 110 is a browser in a computer. A TCP connection is typically opened between the server 100 and the client 110, so that HTTP messages can be transmitted between them. In Figure 1 it is shown, how the client 110 repeatedly sends HTTP request to the server 100. These HTTP requests 120a, 120b, 120c are typically identical. The server 100 responses to these HTTP requests 120a, 12b, 120c with HTTP responses 130, 131, 132. Each HTTP request - HTTP response pair forms a HTTP connection 140a, 140b, 140c. The contents of these HTTP responses depend on the real-time information residing on the server. If the real-time information has not been updated since the receipt of a previous HTTP request (for example 120b) from the client 110, at least two sequential HTTP responses (for example

131 and 132) are typically identical. All the HTTP requests and responses presented in Figure 1 may be transmitted using one TCP connection, in other words the HTTP connections 140a, 140b and 140c may use one TCP connection. A browser typically refreshes the whole WWW-page, for example, when it receives a HTTP response [[103]] 130, 131, 132.--

Page 3, between lines 11 and 12, insert the following heading:

--SUMMARY OF THE INVENTION--.

Please delete the paragraph beginning on page 4, line 25.

Page 6, between lines 21 and 22, insert the following heading:

--BRIEF DESCRIPTION OF THE DRAWINGS--.

Page 7, before line 1, insert the following heading:

--DESCRIPTION OF THE PREFERRED EMBODIMENTS--.

Please add the following new sentence at the end of the paragraph ending on line 4 of page 11:

--Figure 3 illustrates also, how the message pairs 305, 306, 307, 308 and 309, 310 form one HTTP connection 140f."--